

WHAT IS CLAIMED IS:

- 1                   1.     A device comprising:  
2                   a housing; and  
3                   a visual display on said housing.
- 1                   2.     An analyte measurement device comprising:  
2                   a housing;  
3                   a visual display on said housing, said visual display having at lease one  
4 visual indicator position next to a corresponding marking on the housing; and  
5                   a processor driving the visual display, wherein the processor runs software  
6 that is modifiable to provide a variable user interface on the visual display.
- 1                   3.     An analyte monitoring device comprising:  
2                   a housing;  
3                   a visual display on said housing, said visual display having at lease one  
4 visual indicator position next to a corresponding marking on the housing;  
5                   a processor driving the visual display, wherein the processor runs software  
6 that is modifiable to provide a variable user interface on the visual display; and  
7                   a wireless communication device allowing programs to be downloaded to  
8 the processor by wireless communications.
- 1                   4.     A skin penetrating system, comprising:  
2                   a housing;  
3                   a penetrating members positioned in the housing,  
4                   an analyte detecting member coupled to a sample chamber, the analyte  
5 detecting member being configured to determine a concentration of an analyte in a body  
6 fluid using a sample of less than 1  $\mu$ L of a body fluid disposed in the sample chamber;  
7                   a visual display on said housing, said visual display having a screen saver  
8 which is activated after a preset period of nonuse by a user; and  
9                   a processor driving the visual display, wherein the processor runs software  
10 that is modifiable to provide a variable user interface on the visual display;

11                   a wireless communication device allowing programs to be downloaded to  
12 the processor by wireless communications.

1                   5.       A tissue penetrating system, comprising:  
2                   a housing;  
3                   a penetrating members positioned in the housing,  
4                   a visual display on said housing, said visual display having at lease one  
5 visual indicator position next to a corresponding marking on the housing;  
6                   a processor driving the visual display, wherein the processor runs software  
7 that is modifiable to provide a variable user interface on the visual display;  
8                   a series of buttons on said housing for changing lancing settings shown on  
9 the visual display.

1                   6.       A method comprising:  
2                   providing an analyte monitor;  
3                   downloading software to the monitor wherein the software contains a  
4 selected user interface.

1                   7.       The method of claim 6 wherein said analyte monitor is a hand held  
2 device.

1                   8.       A method comprising:  
2                   providing an analyte monitor;  
3                   answering a plurality of questions shown on a display on the analyte  
4 monitor,  
5                   using a processor to analyze response to said questions; and  
6                   downloading a program containing a user interface selected by the server  
7 based on said responses, said user interface selected based on the appropriate user  
8 interface class.

1                   9.       The method of claim 8 wherein at least one of said questions is a  
2 personality test question.

1                   10.      The method of claim 8 wherein answers from the user are  
2 transmitted to a server for analysis.

1                   11.     The method of claim 8 wherein answers from the user are  
2 transmitted by a wireless transmitter to a server for analysis.

1                   12.     The method of claim 8 wherein the monitor uses one of the  
2 following protocols to transmit data out of the monitor: 802.11b, Bluetooth, infrared, or  
3 1394 IEEE protocol.

1                   13.     The method of any claim above wherein updates are automatically  
2 downloaded to the device after a certain period of time.

1                   14.     The method of any claim above wherein a user enters a code to  
2 determine the type of user interface to be displayed on the monitor.

1                   15.     The method of any claim above wherein the monitor includes a  
2 keyboard on a housing of the monitor.

1                   16.     The method of any claim above wherein the monitor includes  
2 upgrading the user interface to a new one matching or suited for the users age after a set  
3 period of time, yearly, or on the users birthday.

1                   17.     The method of any claim above wherein the monitor alerts the user  
2 after a certain number of missed testing events.

1                   18.     The method of any claim above wherein the monitor alerts the user  
2 after a certain number of missed testing events using one the following: audio alerts,  
3 visual alerts, vibratory alerts, or email alters to your email account or that of a third party  
4 such as a doctor or family member.

1                   19.     The method of any claim above wherein the monitor will email the  
2 result to an email account with software that tracks a users testing history and/or glucose  
3 readings.

1                   20.     A method comprising:  
2 providing an analyte monitor;  
3 answering a plurality of questions displayed by the analyte monitor,  
4 loading response to said questions to a server;

- 5                    downloading a program that changes the functionality of the monitor and
- 6    is selected by the server based on said responses.